

AMENDMENTS TO THE SPECIFICATION

Please amend the title of the invention to read as follows:

FLAT DISPLAY PANEL WITH A SEAL PLATE

Please amend the specification as indicated below.

[0005] On the other hand, a glass substrate **11b** is also provided on the back side and a plurality of column electrodes **13** are provided in parallel to each other on the inner side of the glass substrate ~~[[1b]]~~ **11b** at predetermined intervals. The column electrodes **13** are covered with phosphor layers **14**. The glass substrate **11a** of the display surface side and the glass substrate **11b** of the back side are provided in a separated condition so that the line electrodes **X** and **Y** cross the column electrodes **13** at right angles.

[0007] A seal layer **17** is formed in the outer peripheral non-display area of the glass substrate **11b** of the back side, the seal layer **17** being formed by applying fritted paste so as to surround a display area and calcining the paste. An exhaust hole **18** is provided in the glass substrate ~~[[11b]]~~ **11b** of the back side. A chip tube **20** for the exhaust hole **18** is perpendicularly mounted onto the back surface of the glass substrate **11b** of the back side via a sealing agent **19**.

[0018] - [0022] according to a one and a second embodiment of the invention.

[0018] **FIG. 4** is a sectional view of a PDP according to an embodiment of the invention;

[0019] **FIG. 5** is a sectional view of the PDP and an exhaust seal unit according to ~~the~~ an embodiment of the invention;

[0020] **FIG. 6** is a diagram illustrating a seal plate and a damp proofing resin according to an embodiment and another embodiment of the invention;

[0021] **FIG. 7** is a flowchart showing a processing flow in the process of sealing internal spaces tightly by directly exhausting the air from the internal spaces via an exhaust hole and heat-securing the seal plate in a method of producing the PDP according to ~~the~~ an embodiment of the invention;

[0022] **FIG. 8** is a sectional view showing a sealing process in the PDP according to ~~the~~ an embodiment of the invention;

[0036] In this case, the outer surface of the seal plate **56** thus secured is preferably covered with damp proofing resin **70**, shown in **FIG. 6** so as to prevent dampness from penetrating into the internal spaces **45**. As a dampproofing resin usable at this time, silicone resin "KE-3424G" made by Shin-Etsu Chemical Co., Ltd. may be referred to by way of example.

[0039] An air cylinder **53**, for example, as ~~[[an]]~~ a seal-plate elevating mechanism portion is mounted onto the exhaust seal unit body **51**. A support plate **55** is fitted to the front end (upper end of Fig. 4) of the piston rod **54** of the air cylinder **53**. The seal plate **56** for sealing the exhaust hole **48** tightly is mounted on the support plate **55**.